

ABSTRACT

Techniques are provided for updating a local cache database of an application system in a multi-system environment having a central system that maintains central data objects that are shared by the multiple systems. A first application system executes an application and processes a document using a data object having a version identifier. A message is sent to a second application system including the data object used to process the document and a corresponding version identifier for the data object. The second application system receives the message, and the version identifier in the message is compared to a version identifier of a corresponding data object stored in the second application system. If the version identifier of the data object stored in the second application system indicates that a more recent version of the data object exists, the more recent version of the data object is requested from a central system that maintains the data objects and the second system is updated.

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